



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Barbara A. Lee, Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806



Edmund G. Brown Jr.
Governor

June 30, 2016

Ms. Nancy Kain
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street, MTS-7
San Francisco, California 94105

This letter transmits the Department of Toxic Substances Control's (DTSC) application for the Multipurpose Grant to States and Tribes for the 2016/18 fiscal years (FYs). DTSC is requesting \$130,782 in funding. The grant application includes narrative of scope of work and budget summary for \$130,782. The required certifications and assurances are already on file with your agency.

The \$130,782 will be used to address lead-based paint (LBP) abatement in the Exide Area in coordination with the lead-contaminated soil cleanup already being undertaken.

Questions related to this grant application should be direct to Ms. Sandy Karinen at (916) 323-9617

Sincerely,

Zoe T. Bayar
Assistant Deputy Director
Brownfields and Environmental Restoration Program
Department of Toxic Substances Control

Enclosures

cc: See next page.

Grants Management Officer

June 30, 2016

Page 2

cc: Ms. Sara Murillo, Chief
Financial Planning and Business Services
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Tyler Green, Chief
Administrative Services
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Ms. Tsing Zhan, Chief
Accounting Office, 21-2
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Ms. Zoe Bayar, Assistant Deputy Director
Brownfields and Environmental Restoration Program
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826-3200



Grant Application Package

Opportunity Title:	EPA Mandatory Grant Programs
Offering Agency:	Environmental Protection Agency
CFDA Number:	66.204
CFDA Description:	Multipurpose Grants to States and Tribes
Opportunity Number:	EPA-CEP-02
Competition ID:	
Opportunity Open Date:	05/18/2016
Opportunity Close Date:	10/04/2020
Agency Contact:	Please consult your regional office.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

Application Filing Name: DTSC: Exide Area Lead-Based Paint Abatement

Select Forms to Complete

Mandatory

[Application for Federal Assistance \(SF-424\)](#)

[EPA Form 4700-4](#)

[Project Narrative Attachment Form](#)

[Grants.gov Lobbying Form](#)

[EPA KEY CONTACTS FORM](#)

[Budget Information for Non-Construction Programs \(SF-424A\)](#)

[Assurances for Non-Construction Programs \(SF-424B\)](#)

Optional

☐ [Disclosure of Lobbying Activities](#)

☐ [Other Attachments Form](#)

Instructions

[Show Instructions >>](#)

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

Application for Federal Assistance SF-424*** 1. Type of Submission:**

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

*** 2. Type of Application:**

- ☒ New
☐ Continuation
☐ Revision

*** If Revision, select appropriate letter(s):***** Other (Specify):***** 3. Date Received:****4. Applicant Identifier:****5a. Federal Entity Identifier:****5b. Federal Award Identifier:****State Use Only:****6. Date Received by State:****7. State Application Identifier:****8. APPLICANT INFORMATION:***** a. Legal Name:** California Department of Toxic Substances Control*** b. Employer/Taxpayer Identification Number (EIN/TIN):**

68-0281381

*** c. Organizational DUNS:**

9490108700000

d. Address:*** Street1:** 1001 "I" Street**Street2:***** City:** Sacramento**County/Parish:***** State:** CA: California**Province:***** Country:** USA: UNITED STATES*** Zip / Postal Code:** 95812-0806**e. Organizational Unit:****Department Name:**

Toxic Substances Control

Division Name:

Exec Office EJ & Tribal Affairs

f. Name and contact information of person to be contacted on matters involving this application:**Prefix:**

Ms.

*** First Name:**

Sandra

Middle Name:

Jean

*** Last Name:**

Karinen

Suffix:**Title:** Sr. Environmental Scientist**Organizational Affiliation:**

Executive Office - Environmental Justice & Tribal Affairs

*** Telephone Number:** (916) 323-9617**Fax Number:** (916) 324-1808*** Email:** Sandy.Karinen@dtsc.ca.gov

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.204

CFDA Title:

Multipurpose Grants to States and Tribes

* 12. Funding Opportunity Number:

EPA-CEP-02

* Title:

EPA Mandatory Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

SF424 #14 Attachment.docx

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Exide Area Lead-Based Paint Abatement

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="130,782.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="130,782.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**☐ a. This application was made available to the State under the Executive Order 12372 Process for review on ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.☐ c. Program is not covered by E.O. 12372.*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title: * Telephone Number: Fax Number: * Email:

* Signature of Authorized Representative:



* Date Signed:

EPA KEY CONTACTS FORM

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name:	Prefix: Ms.	First Name: Zoe	Middle Name:
	Last Name: Bayar		Suffix:
Title:	Assist. Deputy Directory, Brownfields		
Complete Address:			
Street1:	1001 "I" Street		
Street2:			
City:	Sacramento	State:	CA: California
Zip / Postal Code:	95812-0806	Country:	USA: UNITED STATES
Phone Number:	(916) 323-7367	Fax Number:	(916) 324-3158
E-mail Address:			

Payee: *Individual authorized to accept payments.*

Name:	Prefix: Ms.	First Name: Tsing (Mabel)	Middle Name:
	Last Name: Zhan		Suffix:
Title:	Chief of Accounting		
Complete Address:			
Street1:	1001 "I" Street		
Street2:			
City:	Sacramento	State:	CA: California
Zip / Postal Code:	95812-0806	Country:	USA: UNITED STATES
Phone Number:	(916) 324-6432	Fax Number:	(916) 3220274
E-mail Address:	TsingMabel.Zhan@dtsc.ca.gov		

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name:	Prefix: Ms.	First Name: Sandra	Middle Name: Jean
	Last Name: Karinen		Suffix:
Title:	Sr. Environmental Scientist		
Complete Address:			
Street1:	1001 "I" Street		
Street2:			
City:	Sacramento	State:	CA: California
Zip / Postal Code:	95812-0806	Country:	USA: UNITED STATES
Phone Number:	(916) 323-9617	Fax Number:	(916) 324-1808
E-mail Address:	Sandy.Karinen@dtsc.ca.gov		

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:
Title:

Complete Address:

Street1:
Street2:
City: State:
Zip / Postal Code: Country:
Phone Number: **Fax Number:**
E-mail Address:

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 01/31/2019

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA Multipurpose Grant to States and Tribes	66.204	\$ 130,782.00	\$	\$	\$	\$ 130,782.00
2.						
3.						
4.						
5. Totals		\$ 130,782.00	\$	\$	\$	\$ 130,782.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) EPA Multipurpose Grant to States and Tribes	(2)	(3)	(4)	
a. Personnel	\$	\$	\$	\$	\$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	130,782.00				130,782.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	130,782.00				130,782.00
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)	\$ 130,782.00	\$	\$	\$	130,782.00
7. Program Income	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. EPA Multipurpose Grant to States and Tribes	\$	\$	\$	\$	
9.					
10.					
11.					
12. TOTAL (sum of lines 8-11)	\$	\$	\$	\$	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$	\$	\$	\$	\$
14. Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)	\$	\$	\$	\$	\$
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. EPA Multipurpose Grant to States and Tribes	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)	\$	\$	\$	\$	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:		22. Indirect Charges:			
23. Remarks:					

Budget Detail – Breakdown by Object Class Categories

a. PERSONNEL

POSITION	ANNUAL SALARY	WORK YEARS	AMOUNT	FRINGE RATE	FRINGE \$	TOTAL
						\$0
						\$0
						\$0
						\$0
a. Personnel Total		0.000	\$0		\$0	\$0

TRAVEL

IN-STATE TRAVEL EXPENSES	AMOUNT
	\$0
<u>Explain:</u>	

SUPPLIES

ITEM	TOTAL
	\$0

OTHER

ITEM	NUMBER	TOTAL
		\$0

TOTAL DIRECT COST	\$130,782
INDIRECT COSTS	\$0
TOTAL PROPOSED COSTS	\$130,782
FEDERAL FUNDS REQUESTED	\$130,782
*RECIPIENT SHARE (MATCH)	\$0
RECIPIENT SHARE OF TOTAL PROPOSED COSTS (20% MATCH)	0.00%
FEDERAL SHARE OF TOTAL PROPOSED COSTS	100.00%

SECTION C - NON-FEDERAL RESOURCES					Standard Form 424A (4-88)	
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
Multipurpose Grants to States and Tribes		\$130,782	\$	\$	\$130,782	
9.						
10.						
11.						
12. TOTAL		\$130,782	\$0	\$0	\$130,782	
SECTION D - FORECASTED CASH NEEDS						
13. Federal	(Total for 1st Year)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
	\$130,782					
14. NonFederal	\$0	\$0	\$0	\$0	\$0	
15. TOTAL (sum of lines 13 and 14)	\$130,782	\$0	\$0	\$0	\$0	
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT						
(a) Grant Program		FUTURE FUNDING PERIODS (Years)				
		(b) First	(c) Second	(d) Third	(e) Fourth	
16. Multipurpose Grants to States and Tribes			\$	\$	\$	
17.						
18.						
19.						
20. TOTALS (sum of lines 16 - 19)		\$0	\$0	\$0	\$0	
SECTION F - OTHER BUDGET INFORMATION						
(Attach additional sheets if Necessary)						
21. Direct Charges: All		22. Indirect Charges: None				
23. Remarks:						

FINAL DRAFT

US EPA MULTIPURPOSE GRANT

Project Title: EXIDE AREA LEAD-BASED PAINT ABATEMENT

Applicant Information:

California Department of Toxic Substances Control
1001 "I" Street
Sacramento CA 95814
www.dtsc.ca.gov
DUNS No.: 9490108700000

Total Cost: \$130,782 (state-identified priority)

Project Description: This project will address lead-based paint hazards in privately-owned housing in an environmental justice area in Los Angeles County within a 1.7 mile radius of the former Exide Technologies (Exide) lead-acid battery recycling facility (Facility) located in Vernon, California. There are approximately 90,000 residents (predominantly Hispanic) in this area, and approximately 10,000 properties. The project is part of an ongoing overall sampling and remediation effort by DTSC that is focused on cleanup of lead in soils.

PROJECT NARATIVE

BACKGROUND

The California Department of Toxic Substances Control's (DTSC) preliminary evaluation of data from 20,000 soil samples collected from as far as 4.5 miles away from the Exide Facility showed that 10,000 properties in the Preliminary Investigation Area (PIA) within a 1.7 mile radius around the former Exide Technologies (Exide) Facility may have been impacted by past emissions.

Air dispersion modeling conducted by the South Coast Air Quality Management District (SCAQMD) identified a preliminary indication of the area in which Exide emissions may have caused aerial deposition of lead to soils near the Exide Facility. Based on this air modeling, soil sampling took place in two residential areas that were identified as having the greatest potential for elevated lead impacts

In April 2016, additional funding in the amount of \$176.6 million was allocated to test the remaining properties, schools, daycare centers, and parks in the 1.7 mile radius and remove contaminated soil at the properties that have the highest lead levels and greatest potential exposure to residents. In addition, the Department will conduct specialized tests and analyses to conclusively identify the source of the contamination and hold Exide – and any other responsible parties – accountable.

The specific needs of DTSC are to (1) assess the level of lead concentrations in the soil at each residential property, including parks, schools, and daycares, within the PIA in

order for DTSC to determine if further action is warranted and (2) determine if deteriorating Lead Based Paint (LBP) is present on the exterior of onsite structures located on those properties. The proposed completion date for all activities is September 30, 2017.

Once the required environmental reviews are complete, DTSC will clean up the soil at approximately 2,500 residential properties where levels of lead are the highest and potential for exposure the greatest.

PROBLEM

Funding for the project addresses only lead-contaminated soils but does not address lead-based paint hazards. Funding from the California Department of Finance in the amount of \$176.6 million allocated funds to remove contaminated soil at the properties that have the highest lead levels and greatest potential exposure to residents, not lead-based paint hazards.

The majority of residences in the target area were built prior to 1950 and many contain lead-based paint. DTSC's preliminary screening of 437 properties identified 107 properties (24 percent), with children six years old or younger, with lead-based paint on exteriors in excess of 0.7 mg/cm² (Los Angeles County's definition of lead-based paint).

A California Department of Public Health (CDPH) analysis has found blood lead levels in children near the former Exide Technologies battery recycling facility in Vernon are higher than for those who live further from the facility, but that the age of housing in the area appears to play a significant role. When both proximity to the former Exide facility and the year of housing were included, the effect of proximity to Exide on blood lead levels was much smaller. This appears to be because older housing is more common in the areas closer to the Exide facility. CDPH researchers found that 3.11% of young children living in areas near Exide, with many homes built before 1950, had elevated blood lead levels. Only 1.87% of young children had elevated lead levels where most homes were built after 1940.

PROPOSAL TARGET AREA

The Target Area is within a 1.7 mile radius of the Exide Technologies battery recycling plant in the City of Vernon, Los Angeles County. This primarily Hispanic area includes the communities of Vernon, Bell, Commerce, Huntington Park, Maywood, East Los Angeles, and Boyle Heights (City of Los Angeles). The Target Area can be characterized as a dense industrial/transportation zone surrounded by older homes. The City of Vernon, for example, contains only 30 residential units and the rest of the city is made up of industrial sites. DTSC has identified over 10,000 properties in the Target Area with significant amounts of lead-contaminated soils.

Zip Codes for Target Area Communities

Vernon	90058		Huntington Park	90255	East Los Angeles	90022
Commerce	90040		Maywood	90270	Boyle Heights	90023
Bell	90201					

Elevated Blood Lead Data in Target Area

a) Number of children under the age of six (6) with an elevated blood lead level of 5 µg/dL or above.	704 children in Target Area - 19 children within 1 mile of Exide plant - 285 children, from 1 to 4 miles
b) Total number of children under the age of six (6)	11,702 in Target Area
c) Percentage of children under the age of six (6) with an elevated blood lead level of 5 µg/dL or above.	3.58 % within 1 mile of Exide plant 2.41% from 1 to 4 miles
d) Source: DTSC April 8, 2016 report found online at: http://www.dtsc.ca.gov/HazardousWaste/Projects/upload/An-Analysis-of-Children-s-Blood-Lead-Levels-in-the-Area-Around-the-Exide-Site.pdf	

A CDPH study found blood lead levels in children near the former Exide Technologies battery recycling facility in Vernon are higher than for those who live further from the facility, but that the age of housing in the area appears to play a significant role. Most of the homes in this area were built prior to 1950 and are likely to contain significant amounts of lead-based paints. The analysis also found that 3.58% of young children, within one mile of the former Exide facility, had levels of 4.5 micrograms of lead or more per deciliter (mg/dl) of blood. By comparison, the CDPH study found that in Los Angeles County overall, 1.95% of children had levels of 4.5 mg/dl of lead in blood. In the zone greater than one mile from the former Exide facility, but still within the study's broader Exide analysis area, reaching up to 4.5 miles from the facility, the percentage of children in the higher category was 2.41%. The study population comprised all children age younger than six years living in the Exide Analysis Area who had a blood lead test result reported to the State for a specimen obtained during 2012. A total of 11,702 children met the conditions for inclusion in the analysis. Of these, 285 (2.44%) had levels ≥ 4.5 µg/dL, and 18 (0.15%) had levels ≥ 9.5 µg/dL (the CDC's older level of concern).

Income Data in Target Area

a) Percentage of families < 80% AMI in target area	39%
b) Source and date: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates, California	

According to the 2010-2014 American Community Survey, Los Angeles County has over 2 million residents (21%) below 50% of the Area Medium Income Level.

Housing Age and Tenure Data in Target Area

a) pre-1960 rental housing units	33,689
b) pre-1960 owner-occupied housing units	16,056
c) pre-1960 vacant housing units	2,535
d) total number of pre-1960 housing units, (a + b + c)	52,280
d1) percentage of pre-1960 rental housing units	45.3%

d2) percentage of pre-1960 vacant housing units	3.4%
Source: 2010-2014 American Community Survey 5-Year Estimates	

EPA's Environmental Justice Screening Tool provides a graphic representation of areas with a lead potential: homes built before 1960 and areas with children under five (5) years of age. The Target Area shows high concentrations of both.

Other Factors Demonstrating Need: DTSC is currently testing soil contamination throughout the Target Area and conducting limited (six XRF tests per house) paint testing on residences. Based on their testing with Los Angeles County's 0.7 mg/cm² standard, they have found 187 homes with at least one positive test result for deteriorated lead-based paint out of 437 homes tested (43 percent). Soil testing results identified 561 properties out of 563 properties sampled with hazardous levels of lead in the soil. (Preliminary findings, personal communication, Laszlo Saska, P.E., DTSC, April 25, 2016.)

The Target Area is now a known lead-contaminated zone. The property values of every residential unit in the Target Area are likely to have dropped due to the lead-contaminated soil. Soil remediation will provide some economic relief to home-owners in the Target Area, and may help in bringing back property values. Because of the hyper-awareness of lead contamination in the Target Area, the ability to sell these homes in the future for their value is in jeopardy. Besides reducing health effects from lead poisoning, eliminating lead-based paint hazards in these homes will improve property values and provide some economic relief to an area that was lead contaminated.

GOALS

1. Build and Establish Partnerships: DTSC is collaborating with the California Department of Community Services and Development (CSD) to address lead contamination in the Target Area. DTSC has and will continue to conduct extensive soil testing and lead-based paint screening on homes utilizing State funding in the Target Area. CSD has an established Lead Hazard Control Program (LHCP) to address lead hazards in privately-owned homes in California. The Program is primarily funded through grants from the U.S. Department of Housing and Urban Development (HUD). CSD has limited funding available from its current HUD grants which are now being redirected to the Target Area. CSD, in partnership with DTSC, has applied for another round of HUD funding which will be directed towards the Target Area. Unfortunately, the HUD funding does not cover all costs and most importantly cannot be used for zero-bedroom units, e.g., studio apartments. The current CSD HUD funding plus the proposed new HUD grant funding, if awarded, will still not be sufficient to address the lead-based paint problems in the Target Area.

2. Comprehensive Lead Hazard Control Program: This proposal represents a joint effort between DTSC's Cleanup Program's soil remediation activities and CSD's Lead Hazard Control Program to more comprehensively address lead contamination in the Target Area. The State of California has provided DTSC funding and mandated that they address lead-contaminated soil issues caused by the former Exide battery

recycling plant in the Target Area. While they are funded to address lead hazards in the soil they are not funded to remediate other sources of lead poisoning - lead-based paint - that are also impacting the local residents – especially young children living in the area. Unless all sources of lead contamination are appropriately addressed in a coordinated, comprehensive manner, the problem of lead poisoning of residents will continue. This collaboration combines two different programs' resources to synergistically address lead poisoning issues in environmental justice communities in Los Angeles County burdened by multiple sources of pollution.

SPECIFIC PROPOSAL

Unless there is an effort on a federal and/or state level to bring additional funding sources into this area, the current LBP work is unlikely to be sustained. Private homeowners in low-income areas do not have the resources to have lead hazard remediation conducted. Landlords, unless forced to remediate their buildings, will do little to fix lead issues. Local communities are financially cash-strapped and cannot afford to develop their own lead hazard control efforts. There are no other funding streams currently available to deal with a problem as great as this LBP issue.

There are over 10,000 properties, mostly homes, in the Target Area and over 90,000 residents. Based on initial estimates of homes with deteriorated lead-based paint, the likelihood is there are 3-4,000 homes with deteriorated lead-based paint. Based on CSD's experience through their existing Lead Hazard Control Program, the average cost to control lead hazards in these homes is \$10,000 per unit. Thus it could cost \$30 – \$40 billion to just implement interim controls. Some units are expected to require less than \$10,000, but others will cost more. All efforts possible will be employed to generate cost savings by closely coordinating DTSC's soil cleanup efforts with CSD's Lead Hazard Control Program in order to maximize the number of units cleared of lead and LBP hazards.

Through special legislation, DTSC has been provided \$176 million in State funding to expedite and expand soil testing at residential properties, schools, daycare centers and parks within the Target Area. This funding will also provide for the cleanup of lead contaminated soil at approximately 2,500 properties where lead levels are the highest and potential exposure the greatest. To date, DTSC has been spending between \$45,000 to \$50,000 per unit on soil sampling and cleanup.

BUDGET

The entire proposed \$130,782 will be directly allocated to the CSD Lead Hazard Control Program, and will be used to address gaps in the HUD LBP funding such as zero-bedroom units. The priority for all LBP funding is on homes with LBP contamination with children age six and under present.

Key tasks under CSD's Lead Hazard Control Program include:

1. Outreach and education
2. Prioritization and establishing resident eligibility
3. Intake and enrollment

4. Compliance with HIPAA (Health Insurance Portability and Accountability Act of 1996)
5. Lead-based paint inspection/risk assessment
6. Lead hazard control work on housing units, including lead dust cleaning
7. Clearance inspection
8. Project monitoring and oversight

The Multipurpose Grant funding will be principally directed to Tasks 3 through 7. Tasks 1 and 2 will be accomplished through improved coordination between the DTSC soil remediation efforts and CSD's Lead Hazard Control Program by utilizing cross-trained DTSC staff. DTSC is leading the overall work in the Target Area and is the first agency to directly contact the local residents. This initial effort includes obtaining access agreements and sampling of the properties. The state agencies, DTSC and CSD, are actively reviewing their respective processes and looking for further areas in which to achieve overall program efficiencies and effectiveness. As improvements are identified, they will be immediately incorporated into the overall process in order to effect cost savings, increase the number of units abated for LBP hazards and improve overall program success.

ROLES AND RESPONSIBILITIES

DTSC is the lead agency in charge of the overall cleanup of lead contaminated soil in the Target Area. Through their assessment efforts, DTSC will be identifying homes that have LBP issues that need to be addressed. DTSC will then coordinate with CSD to address LBP issues with assistance wherever possible from DTSC.

TIMELINE AND MILESTONES

DTSC's soil cleanup efforts are currently underway. CSD has been working with DTSC for several months to integrate their current LBP program utilizing HUD and other funding into the overall cleanup process. With assistance from DTSC, CSD applied for additional HUD funding in late April. Although DTSC's sampling program will continue, their cleanup efforts will temporarily cease while an EIR is prepared for the remainder of the cleanup efforts. By the end of June or very early July, DTSC will have completed soil cleanup on 50 homes. Exide has previously cleaned up 219 homes using their own funding. Upon completion of the CEQA process, DTSC will again begin cleanup on an additional 2,450 properties. In the interim, LBP abatement efforts will continue on properties identified through DTSC sampling work. Specific times and dates are being worked out.

Output: Number of properties having LBP contamination addressed.

Outcome: Elimination of lead hazards in order to protect the health of residents – particularly children – in an environmental justice area.

Reporting Requirements: Annual progress reports at a minimum plus a final report.